

CLAIMS

What is claimed is:

1. A method of reproducing AV data in an interactive mode using a markup document, the method comprising:
 - issuing a command to preload the markup document using a fetch signal; and
 - receiving a response indicating whether the command to preload the markup document has been successfully transmitted using the fetch signal.
2. The method of claim 1, wherein the issuing of the command to preload the markup document includes generating the fetch signal using an application program interface (API).
3. The method of claim 1, wherein the receiving of the response comprises receiving the response indicating whether the command included in the fetch signal has been successfully received using an API.
4. The method of claim 1, further comprising reproducing the AV data in the interactive mode using the preloaded markup document.
5. A method of reproducing AV data in an interactive mode using a markup document, the method comprising:
 - inquiring whether preloading of the markup document is completed using an application program interface (API); and
 - receiving a return value of true in response to the preloading of the markup document being completed and a return value of false in response to the preloading of the markup document being not completed.
6. The method of claim 5, wherein the API is an [obj].allDone API.
7. The method of claim 5, further comprising reproducing the AV data in the interactive mode using the preloaded markup document.
8. A computer readable medium encoded with operating instructions for implementing a method of reproducing AV data in an interactive mode using markup document, performed by a computer, the method comprising:

issuing a command to preload the markup document using a fetch signal; and
receiving a response indicating whether the command to preload the markup document has been successfully transmitted using the fetch signal.

9. A computer readable medium encoded with operating instructions for implementing a method of reproducing AV data in an interactive mode using markup document, performed by a computer, the method comprising:

inquiring whether preloading of the markup document is completed using an application program interface (API); and

receiving a return value of true in response to the preloading of the markup document being completed and a return value of false in response to the preloading of the markup document being not completed.

10. A method in a computer system to process AV data in an interactive mode using a markup document, the method comprising:

controlling a content decoder to generate a fetch signal to preload the markup document; and

in response to the fetch signal, controlling a buffer manager to issue a response indicating whether a command to preload the markup document has been successfully received.

11. A method in a computer system to process AV data in an interactive mode using a markup document, the method comprising:

controlling a content decoder to generate an inquiry to determine whether preloading of the markup document is completed; and

in response to the inquiry, controlling a buffer manager to issue a response indicating whether the preloading of the markup document is completed.